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AUTHOR Lucas, John A.; Meltesen, Cal
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ABSTRACT

A follow-up study was conducted of students who earned at least 12 credit hours at William Rainey Harper College (WRHC), in Palatine, Illinois, to determine their employment and education status after leaving WRHC. Over 1,008 former WRHC students in cohort years 1987 and 1989 were surveyed by telephone, receiving a response rate of 71.8%, and 56.2%, respectively. Study findings included the following: (1) WRHC's transfer rate is 35.6%, according to the UCLA Transfer Study's definition, which is based on all students who begin in a particular year, earn at least 12 credit hours, and transfer to senior institutions in Illinois within 4 years; (2) if the concept is broadened to include students who attend out-of-state colleges, community and technical colleges, and those still enrolled, and the time period is extended to 6 years, the transfer rate reaches 69%; (3) if only students intending to transfer are considered, a 6-year waiting period is used, and all transfer possibilities including continuing enrollment, the transfer rate goes up to 79%; (4) transfer rates are most affected by the students intent when they enter WRHC and by their academic ability and performance; (5) at the time of the survey, 70% of the 1987 cohort were working full-time, with more than 50% working in a field somewhat related to their major; and (6) students were employed at the beginning professional skill level and earned an average of \$26,000 per year. (KP)

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PLANNING

RESEARCH

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**Follow-Up Study of Former
Students who Began in the
Years 1987 and 1989**

John A. Lucas, Director
Office of Planning and Research

Cal Meltesen, Research Analyst
Office of Planning and Research

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ABSTRACT

THE STUDY INDICATED THAT THE NATIONALLY DEFINED TRANSFER RATE - DEFINED AS STUDENTS WHO BEGAN FOUR YEARS EARLIER AND EARNED AT LEAST 12 CREDIT HOURS AT HARPER BEFORE TRANSFERRING TO A SENIOR COLLEGE IN ILLINOIS - IS 36 PERCENT. IF THE CONCEPT IS BROADENED TO INCLUDE STUDENTS WHO ATTEND OUT-OF-STATE COLLEGES, COMMUNITY COLLEGES, TECHNICAL COLLEGES AND THOSE STILL ENROLLED AT HARPER, AND THE TIME PERIOD IS EXPANDED TO AT LEAST SIX YEARS -- THE TRANSFER RATE REACHES 69 PERCENT. IF ONLY STUDENTS INTENDING TO TRANSFER ARE CONSIDERED, A SIX YEAR WAITING PERIOD IS USED, AND ALL TRANSFER POSSIBILITIES ARE INCLUDED INCLUDING THOSE STILL ENROLLED, THE TRANSFER RATE GOES UP TO 79 PERCENT.

TRANSFER RATES ARE MOST AFFECTED BY THE STUDENTS' 'INTENT' WHEN THEY ENTER HARPER AND BY THEIR ACADEMIC ABILITY AND PERFORMANCE. THE STUDY INDICATES THAT SEVEN OUT OF 10 OF THE 1987 COHORT ARE WORKING FULL-TIME, WITH MORE THAN ONE-HALF WORKING IN A FIELD SOMEWHAT RELATED TO THEIR MAJOR AT HARPER. THEY ARE EMPLOYED AT THE BEGINNING PROFESSIONAL SKILL LEVEL AND EARN AN AVERAGE OF \$26,000 PER YEAR.

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Purpose

This study followed up former Harper students using the National Transfer Rate Studies format which compares Harper students to those at other community colleges. The study provides key performance indices allowing the institution to evaluate itself and also provides a broader perspective for the transfer rates that are published nationally.

Methodology and Population Surveyed

Transfer rate studies performed around the country have now developed standard definitions. Students who earned at least 12 credit hours at a community college are followed up and measured five to 10 years after they began at that community college. The UCLA transfer study used data from the Illinois shared data base. It included Illinois community colleges, all the Illinois public universities and most of the Illinois private four-year colleges to which students have transferred. Community college students transferring to other community colleges and to private technical schools - below the baccalaureate level - are not included in transfer rates. In addition, transfers to out-of-state colleges are not included because the data are not available. In many states outside of Illinois, transfer rate studies include only transfers to public four-year colleges because that is the only data available.

In this study which parallels prior national studies, all students who began in the fall of 1989 and who had accumulated 12 earned credit hours or more were selected and surveyed four years after they began (1993-94). To provide perspective, a similar group was gathered from the 1987 cohort beginning classes. These former students were surveyed over the telephone and all possible institutions transferred to were discovered providing a richer perspective than the National transfer rate studies. We were also able to determine whether or not the student was still enrolled at Harper College. Currently a review of the 1985 cohort, which is close to the 10-year perspective now adopted, is being conducted.

The survey instrument shown in the appendix was designed by the Office of Planning and Research and gathered basic demographic follow-up data (job and continued education) from past alumni follow-up studies. For the 1989 cohort, we pulled demographic data for the summer, fall and spring semesters and surveyed 30 percent of the group. For the 1987 cohort, we pulled only those students first registered in the fall semester and who had accumulated 12 earned credit hours. A sample of 50 percent of the 1987 cohort took place.

The survey populations and telephone survey response rates were as follows:

<u>Cohort</u>	<u>1989</u>	<u>1987</u>
Survey Population	1,009	1,064
Telephone Survey Responses	724	598
Response Rates	71.8%	56.2%

Discussion of Results

The transfer rate for Harper College, as calculated by the UCLA study, is 35.6 percent*. This is based on all students who begin in a particular year, earn at least 12 credit hours at Harper (for the college being measured) and includes transfer activity to senior institutions in Illinois for four years. Most private colleges in Illinois are included. If the study is broadened to include students who transfer to out-of-state colleges, community colleges, private technical colleges and those still enrolled at Harper and expands the time period to six years, the transfer rate goes up to 69 percent. The transfer rates to different college groups and for different time periods and for those intending to transfer are shown in the following table:

1989 & 1987 TRANSFER RATES

	1989 Cohort		1987 Cohort	
Type of College	All Students			
To Which Transferred	N	Pct	N	Pct
Illinois Public Universities	179	24.9%	166	27.8%
Illinois Private Colleges	77	10.7%	99	16.6%
Sub-Total (Illinois 4 Year)	256	35.6%	265	44.4%
Out-of-State Colleges	51	7.1%	51	8.5%
Sub-Total (All 4 Year Schools)	307	42.6%	316	52.9%
Public Community Colleges	23	3.2%	18	3.0%
Private Technical Schools	15	2.1%	6	1.0%
Indicated Transfer(School UNK.)	9	1.3%	9	1.5%
Sub-Total (Higher Educational)	354	49.2%	349	58.5%
Still Enrolled at Harper	131	18.2%	63	10.6%
Total Transfer	485	67.4%	412	69.0%
Have Not Continued Education	235	32.6%	185	31.0%
Total Responded	720		597	

*National comparison figure - same as used by UCLA study

**1989 & 1987 TRANSFER RATES FOR THOSE INTENDING
TO TRANSFER**

	1989 Cohort		1987 Cohort	
Type of College	Intent is to Transfer			
To Which Transferred	N	Pct	N	Pct
Illinois Public Universities	133	33.4%	120	39.2%
Illinois Private Colleges	54	13.6%	54	17.6%
Sub-Total (Illinois 4 Year)	187	47.0%	174	56.9%
Out-of-State Colleges	34	8.5%	33	10.8%
Sub-Total (All 4 Year Schools)	221	55.5%	207	67.6%
Public Community Colleges	11	2.8%	10	3.3%
Private Technical Schools	8	2.0%	6	1.8%
Indicated Transfer(School UNK.)	5	1.3%	3	1.0%
Sub-Total (Higher Educational)	245	61.6%	225	73.5%
Still Enrolled at Harper	61	15.3%	14	4.6%
Total Transfer	306	76.9%	239	78.1%
Have Not Continued Education	92	23.1%	67	21.9%
Total Responded	398		306	

Other follow-up survey data were also gathered on these cohort groups. Full-time employment went from 60 percent among the 1989 cohort to 72 percent for the earlier cohort. This would be expected as students in the earlier cohort finished their education and found full-time employment.

When stopouts (students who earned less than 48 hours) were compared to alumni (48 hours or more), in the 1989 cohort, stopouts were more likely to be employed full-time (60% vs. 40%). This was also expected since most stopouts were already employed when they were enrolled at Harper and had no intent of transferring. In the 1987 cohort, however, full-time rates were about the same for both stopouts and alumni.

Employment skill levels were higher for the earlier cohort compared to the recent cohort. In the long run, the skill levels for the alumni tended to increase more than the stopouts. Also the earlier cohort was more likely to work in a field related to their major at Harper as these former students had more time to secure a job in their area of preparation. Alumni were more likely to work in a field related to their major at Harper than stopouts probably because they had invested more education time in this field. In addition, we found that the earlier cohort earned a higher salary (\$26,000 mean) than the later cohort (\$22,000 mean) because they have been on the job longer.

In assessing their continued educational experience, most who transfer are majoring in a field midway between somewhat-related and closely-related to their major at Harper College. Alumni are more likely than stopouts to be majoring in a field

closely related to their major at Harper. Demographic data found in the student data base were also gathered on these cohort populations. This data showed 55 percent of the students were female, their average age was 22 when they started at Harper, with 70 percent being between 18 and 20 years of age. The 1989 cohort had a higher percent of students who intended to transfer than did the earlier cohort graduating class (55% vs. 50%). This result conforms to our recent longitudinal study which reflects the trend toward more students identifying 'transfer' as the reason for enrollment. More than half, 60 percent, ranked in the upper half of their high school class. Fewer than 10 percent - 8.3 percent for the 1989 cohort and 7.1 percent for the 1987 cohort - attended only one year, and the median time of attendance at Harper was 3-4 years. Baccalaureate majors comprised 69 percent (1989 cohort) - 70 percent (1987 cohort) of the cohort population while career majors made up the remainder. The average ACT composite was 17.0 (1989 cohort) - 16.8 (1987 cohort) and their mean GPA at Harper was 2.63-2.68. Three and six-tenths percent of the students were athletes, while 14.3-7.9 percent reported they were disabled in some way. The percentage of minority students increased from 10 percent in the 1987 cohort to 13 percent in the 1989 cohort. Around 80 percent were in-district residents, while 26.4 percent (1989 cohort) - 16.5 percent (1987 cohort) transferred in credits to Harper from other colleges. Among the 1989 cohort, 27 percent received a degree from Harper College, but this percent rose to 34.9 percent for the earlier cohort allowing students more time to graduate.

The final analysis examined graduation rates for each cohort for each of the previously discussed demographic factors. Student intent was one of the most important factors that determined transfer rates. Students who said that they intended to transfer when they first enrolled at Harper were much more likely to transfer than were students with other intents - 62 percent (1989 cohort) and 74 percent (1987 cohort). Similarly, students who held a baccalaureate major were much more likely to transfer than were students with other intents, 59 percent (1989 cohort) and 65 percent (1987 cohort). Other factors that reflected higher transfer rates were athletics and age of students. Thus, the 1989 cohort transfer rate for traditional students starting out (18 - 20 years of age) was much higher than for older students (59% vs. 26%) and athletes had a much higher transfer rate than non-athletes (70% vs. 49%).

The other important factor in determining transfer rates is academic ability and performance. Consider the following for the 1989 cohort. Those with ACT composites of 18 or above had a much higher transfer rate than those with ACT composites of 11 or below - 63 percent vs. 33 percent. Those with a GPA of 2.00 or higher at Harper had a much higher transfer rate than those whose GPA is below 2.00 - 53 percent vs. 26 percent. Using another measure, those achieving a degree at Harper were more apt to transfer than those who do not earn a degree - 59 percent vs. 45 percent. Minorities and students with disabilities were only slightly less likely to transfer than whites or students without a disability.

Major Conclusions

The study indicated that the nationally defined transfer rate - defined as students who began four years earlier and earned at least 12 credit hours at Harper before transferring to a senior college in Illinois - is 36 percent. If the concept is broadened to include students who attend out-of-state colleges, community colleges, technical colleges and those still enrolled at Harper -- and the time period is expanded to at least six years -- the transfer rate reaches 69 percent. If only students intending to transfer are considered, a six year waiting period is used and all transfer possibilities are included including those still enrolled, the transfer rate goes up to 79 percent.

Transfer rates are most affected by the students' 'intent' when they enter Harper and by their academic ability and performance. The study indicates that seven out of 10 of the 1987 cohort are working full-time, with more than one-half working in a field somewhat related to their major at Harper. They are employed at the beginning professional skill level and earn an average of \$26,000 per year.

1989 Transfer Cohort—4 Yr. Follow-Up (1993)

1989 Cohort

Present Status	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Employed full time	286	60.3%	102	40.8%	388	53.6%
Employed part time	90	19.0%	77	30.8%	167	23.1%
In the Armed Forces	4	0.8%	1	0.4%	5	0.7%
Not employed, but enrolled	64	13.5%	60	24.0%	124	17.1%
Unemployed, but seeking	8	1.7%	4	1.6%	12	1.7%
Not employed by choice	22	4.6%	6	2.4%	28	3.9%
Total	474	100.0%	250	100.0%	724	100.0%

1989 Cohort

Employment Status	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Unskilled Labor (1)	4	1.1%	2	1.1%	6	1.1%
Semiskilled Labor(2)	74	19.9%	51	29.0%	125	22.9%
Technician(3)	93	25.1%	44	25.0%	137	25.0%
Beginning Professional(4)	94	25.3%	56	31.8%	150	27.4%
Experienced Professional(5)	82	22.1%	21	11.9%	103	18.8%
Scientist, Upper Middle Mgmt(6)	22	5.9%	2	1.1%	24	4.4%
VP Level or higher	2	0.5%	0	0.0%	2	0.4%
Total	371	100.0%	176	100.0%	547	100.0%
Average Employment Level	3.67		3.28		3.55	

1989 Cohort

Relatedness of Job to Major at Harper College	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Identical(3)	57	15.3%	38	21.7%	95	17.4%
Closely Related(2)	55	14.8%	22	12.6%	77	14.1%
Somewhat Related(1)	78	21.0%	29	16.6%	107	19.6%
Not Related	182	48.9%	86	49.1%	268	49.0%
Total	372	100.0%	175	100.0%	547	100.0%
Average Related Index	0.97		1.07		1.00	
Median Annual Salary	\$20,966		\$19,722		\$20,487	
Mean Annual Salary	\$23,246		\$20,484		\$22,349	

1989 Cohort

After Harper, Degree to Which Education Continued	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
No further college	173	45.8%	62	29.1%	235	39.8%
Some college	139	36.8%	117	54.9%	256	43.3%
Bachelors Degree	54	14.3%	31	14.6%	85	14.4%
Bachelors Plus	8	2.1%	2	0.9%	10	1.7%
Masters Degree	3	0.8%	0	0.0%	3	0.5%
Professional Degree	0	0.0%	0	0.0%	0	0.0%
Doctorate	0	0.0%	0	0.0%	0	0.0%
Still at Harper College	1	0.3%	1	0.5%	2	0.3%
Total*	378	100.0%	213	100.0%	591	100.0%
*Includes unk transferred schools	8		7		9	

1989 Transfer Cohort--4 Yr. Follow-Up (1993)

Relatedness of Present Major To Major at Harper College	1989 Cohort					
	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Identical(3)	36	20.7%	36	27.7%	72	25.7%
Closely Related(2)	17	9.8%	21	16.2%	38	12.5%
Somewhat Related(1)	74	42.5%	54	41.5%	128	42.1%
Not Related	47	27.0%	19	14.6%	66	21.7%
Total	174	100.0%	130	100.0%	304	100.0%
Average Related Index	1.24		1.57		1.38	

Type of College To Which Transferred	1989 Cohort					
	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Illinois Public Universities	85	18.0%	94	37.8%	179	24.9%
Illinois Private Colleges	40	8.5%	37	14.9%	77	10.7%
Sub-Total (Illinois 4 Year)	125	26.5%	131	52.6%	256	35.6%
Out-of-State Colleges	36	7.6%	15	6.0%	51	7.1%
Sub-Total (All 4 Year Schools)	161	34.2%	146	58.6%	307	42.6%
Public Community Colleges	22	4.7%	1	0.4%	23	3.2%
Private Technical Schools	13	2.8%	2	0.8%	15	2.1%
Indicated Transfer (School UNK)	8	1.7%	1	0.4%	9	1.3%
Sub-Total (Higher Educational)	204	43.3%	150	60.2%	354	49.2%
Still Enrolled at Harper	94	20.0%	37	14.9%	131	18.2%
Total Transfer	298	63.3%	187	75.1%	485	67.4%
Have Not Continued Education	173	36.7%	62	24.9%	235	32.6%
Total Responded	471		249		720	

1987 Transfer Cohort--4 Yr. Follow-Up (1994)

1987 Cohort

Present Status	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Employed full time	227	71.8%	196	69.5%	423	70.7%
Employed part time	46	14.6%	52	18.4%	98	16.4%
In the Armed Forces	3	0.9%	1	0.4%	4	0.7%
Not employed, but enrolled	18	5.7%	20	7.1%	38	6.4%
Unemployed, but seeking	6	1.9%	5	1.8%	11	1.8%
Not employed by choice	16	5.1%	8	2.8%	24	4.0%
Total	316	100.0%	282	100.0%	598	100.0%

1987 Cohort

Employment Status	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Unskilled Labor (1)	1	0.4%	1	0.4%	2	0.4%
Semiskilled Labor(2)	29	10.8%	40	16.3%	69	13.4%
Technician(3)	53	19.7%	53	21.5%	106	20.6%
Beginning Professional(4)	78	29.0%	83	33.7%	161	31.3%
Experienced Professional(5)	94	34.9%	59	24.0%	153	29.7%
Scientist, Upper Middle Mgmt(6)	11	4.1%	9	3.7%	20	3.9%
VP Level or higher	3	1.1%	1	0.4%	4	0.8%
Total	269	100.0%	246	100.0%	515	100.0%
<i>Average Employment Level</i>	<i>4.04</i>		<i>3.77</i>		<i>3.91</i>	

1987 Cohort

Relatedness of Job to Major at Harper College	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Identical(3)	52	19.3%	65	26.3%	117	22.7%
Closely Related(2)	39	14.5%	36	14.6%	75	14.5%
Somewhat Related(1)	63	23.4%	44	17.8%	107	20.7%
Not Related	115	42.8%	102	41.3%	217	42.1%
Total	269	100.0%	247	100.0%	516	100.0%
<i>Average Related Index</i>	<i>1.10</i>		<i>1.26</i>		<i>1.18</i>	
<i>Median Annual Salary</i>	<i>\$25,698</i>		<i>\$23,351</i>		<i>\$24,494</i>	
<i>Mean Annual Salary</i>	<i>\$27,566</i>		<i>\$24,311</i>		<i>\$25,991</i>	

1987 Cohort

After Harper, Degree to Which Education Continued	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
No further college	121	38.5%	64	22.7%	185	31.0%
Some college	73	23.2%	74	26.2%	147	24.7%
Bachelors Degree	64	20.4%	103	36.5%	167	28.0%
Bachelors Plus	10	3.2%	17	6.0%	27	4.5%
Masters Degree	5	1.6%	1	0.4%	6	1.0%
Professional Degree	0	0.0%	0	0.0%	0	0.0%
Doctorate	0	0.0%	1	0.4%	1	0.2%
Still at Harper College	41	13.1%	22	7.8%	63	10.6%
Total*	314	100.0%	282	100.0%	596	100.0%

1987 Transfer Cohort--4 Yr. Follow-Up (1994)

1987 Cohort

Relatedness of Present Major To Major at Harper College	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Identical(3)	32	21.6%	54	28.3%	86	25.4%
Closely Related(2)	12	8.1%	31	16.2%	43	12.7%
Somewhat Related(1)	71	48.0%	77	40.3%	148	43.7%
Not Related	33	22.3%	29	15.2%	62	18.3%
Total	148	100.0%	191	100.0%	339	100.0%
Average Related Index	1.29		1.58		1.45	

1987 Cohort

Degree to which Harper Prepared Student	Stopouts		Alumni		Total	
	N	Rating	N	Rating	N	Rating
Written Communication Skills	226	2.13	230	1.80	456	1.96
Oral Communication Skills	219	2.22	229	1.78	448	2.00
Leadership Skills	216	2.49	217	2.19	433	2.34
Problem Solving Skills	235	2.15	227	1.89	462	2.02
Critical Thinking Skills	233	2.14	223	1.86	456	2.00
Broadened Horizons	242	2.13	228	1.80	470	1.97
Gained Maturity	231	2.29	221	1.86	452	2.08
Rating: 1=very well; 2=well; 3=somewhat; and 4=not at all						
Total of Rated Skills	1602	2.22	1575	1.88	3177	2.05

1987 Cohort

Type of College To Which Transferred	Stopouts		Alumni		Total	
	N	Pct	N	Pct	N	Pct
Illinois Public Universities	62	19.7%	104	36.9%	166	27.8%
Illinois Private Colleges	42	13.3%	57	20.2%	99	16.6%
Sub-Total (Illinois 4 Year)	104	33.0%	161	57.1%	265	44.4%
Out-of-State Colleges	28	8.9%	23	8.2%	51	8.5%
Sub-Total (All 4 Year Schools)	132	41.9%	184	65.2%	316	52.9%
Public Community Colleges	13	4.1%	5	1.8%	18	3.0%
Private Technical Schools	4	1.3%	2	0.7%	6	1.0%
Indicated Transfer(School UNK.)	4	1.3%	5	1.8%	9	1.5%
Sub-Total (Higher Educational)	153	48.6%	196	69.5%	349	58.5%
Stilled Enrolled at Harper	41	13.0%	22	7.8%	63	10.6%
Total Transfer	194	61.6%	218	77.3%	412	69.0%
Have Not Continued Education	121	38.4%	64	22.7%	185	31.0%
Total Responded	315		282		597	

WILLIAM RAINCY HARPER COLLEGE TRANSFER STUDY
1989 Cohort - follow up in 1993-94

(TRMAIN89.XLS) July 12, 1994

CATEGORY TOTAL		SURVEY INDICATED						TOTAL COHORT	
		TRANSFER		NO TRANSFER		TRAN UNK			
		Total	Pct	Total	Pct	Total	Pct		
		353		367		289		1009	
GENDER		Total	Pct	Total	Pct	Total	Pct	Total	Pct
Male		164	46.5%	145	39.5%	137	47.4%	446	44.2%
Female		189	53.5%	222	60.5%	152	52.6%	563	55.8%
Unknown		0	0.0%	0	0.0%	0	0.0%	0	0.0%
AGE		Total	Pct	Total	Pct	Total	Pct	Total	Pct
18-20		279	83.3%	196	54.6%	164	58.2%	639	65.5%
21-25		23	6.9%	35	9.7%	58	20.6%	116	11.9%
26-45		33	9.9%	114	31.8%	57	20.2%	204	20.9%
Over 45		0	0.0%	14	3.9%	3	1.1%	17	1.7%
Unknown		0	0.0%	0	0.0%	0	0.0%	0	0.0%
Average		20.0		24.8		22.1		22.4	
INTENT		Total	Pct	Total	Pct	Total	Pct	Total	Pct
Future Job		16	4.6%	65	18.0%	46	16.2%	127	12.8%
Improve Job Skills		8	2.3%	29	8.0%	16	5.6%	53	5.3%
Explore Courses		48	13.8%	57	15.7%	35	12.3%	140	14.1%
Prepare for Transfer		244	69.9%	154	42.5%	147	51.8%	545	54.8%
Review Basic Skills		2	0.6%	1	0.3%	0	0.0%	3	0.3%
Personal Interest		10	2.9%	34	9.4%	29	10.2%	73	7.3%
Other Intent		21	6.0%	22	6.1%	11	3.9%	54	5.4%
Unknown		3	0.8%	5	1.4%	5	1.7%	13	1.3%
HIGH SCHOOL RANK		Total	Pct	Total	Pct	Total	Pct	Total	Pct
1st Quarter		83	29.6%	69	25.1%	59	28.9%	211	27.8%
2nd Quarter		90	32.1%	92	33.5%	66	32.4%	248	32.7%
3rd Quarter		85	30.4%	89	32.4%	66	32.4%	240	31.6%
4th Quarter		22	7.9%	25	9.1%	13	6.4%	60	7.9%
Unknown		0	0.0%	0	0.0%	0	0.0%	0	0.0%
SEMESTER		Total	Pct	Total	Pct	Total	Pct	Total	Pct
First Semester Only		6	2.0%	1	0.3%	10	4.0%	17	2.0%
Registered Following Spring		17	5.6%	9	3.0%	27	10.9%	53	6.3%
Registered Following Year		56	18.5%	27	9.1%	60	24.3%	143	16.9%
Registered 3 Years		97	32.1%	61	20.6%	79	32.0%	237	28.0%
Registered 4 Years		79	26.2%	88	29.5%	40	16.2%	207	24.4%
Registered 5 Years		47	15.6%	112	37.6%	31	12.6%	190	22.4%
Registered 6 Years		0	0.0%	0	0.0%	0	0.0%	0	0.0%
Registered 7 Years		0	0.0%	0	0.0%	0	0.0%	0	0.0%
Registered 8 Years		0	0.0%	0	0.0%	0	0.0%	0	0.0%
Registered More than 8 Years		0	0.0%	0	0.0%	0	0.0%	0	0.0%

WILLIAM RAINEY HARPER COLLEGE TRANSFER STUDY
1989 Cohort - follow up in 1993-94

(TRMAIN09.XLS) July 12, 1994

CATEGORY

TYPE OF MAJOR

Transfer Majors	304	86.1%	210	57.2%	183	63.3%	697	69.1%
Career Majors	48	13.6%	152	41.4%	93	32.2%	293	29.0%
Adult Education	1	0.3%	5	1.4%	13	4.5%	19	1.9%

ACT SCORES

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
11 & Under	17	9.1%	34	22.4%	20	16.7%	71	15.5%
12-14	26	13.9%	28	18.4%	14	11.7%	68	14.8%
15-17	54	28.9%	37	24.3%	26	21.7%	117	25.5%
18-20	43	23.0%	28	18.4%	26	21.7%	97	21.1%
21-23	27	14.4%	16	10.5%	19	15.8%	62	13.5%
24 & Over	20	10.7%	9	5.9%	15	12.5%	44	9.6%
Unknown	166	47.0%	215	58.6%	169	58.5%	550	54.5%
Average	17.6		15.8		17.4		17.0	

CUMULATIVE GPA

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
3.50 & above	46	13.1%	73	20.2%	32	11.7%	151	15.3%
3.00 - 3.49	71	20.2%	76	21.1%	68	24.9%	215	21.8%
2.50 - 2.99	114	32.4%	60	16.6%	54	19.8%	228	23.1%
2.00 - 2.49	94	26.7%	76	21.1%	70	25.6%	240	24.3%
1.50 - 1.99	17	4.8%	48	13.3%	15	5.5%	80	8.1%
Under 1.50	10	2.8%	28	7.8%	34	12.5%	72	7.3%
Average	2.75		2.69		2.69		2.68	

ATHLETIC CODE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Yes	19	5.4%	8	2.2%	9	3.1%	36	3.6%

DISABILITY CODE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Yes	52	14.7%	60	16.3%	32	11.1%	144	14.3%

ETHNIC GROUP

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Asian, Pacific Is.	18	5.2%	19	5.3%	25	9.0%	62	6.3%
American Indian	1	0.3%	0	0.0%	0	0.0%	1	0.1%
Black American	4	1.2%	7	2.0%	7	2.5%	18	1.8%
Hispanic American	8	2.3%	12	3.4%	16	5.8%	36	3.7%
Other Minority	0	0.0%	4	1.1%	1	0.4%	5	0.5%
White American	310	90.1%	311	87.4%	227	81.7%	848	86.7%
Foreign Student	3	0.9%	3	0.8%	2	0.7%	8	0.8%
Refused or Unknown	9	2.5%	11	3.0%	11	3.8%	31	3.1%

RESIDENCE CODE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
1	283	80.2%	306	83.4%	208	72.0%	797	79.0%
2	63	17.8%	58	15.8%	52	18.0%	173	17.1%
3	5	1.4%	2	0.5%	24	8.3%	31	3.1%
4	2	0.6%	1	0.3%	5	1.7%	8	0.8%

WILLIAM RAINEY HARPER COLLEGE TRANSFER STUDY
1989 Cohort - follow up in 1993-94

(TRMAIN89.XLS) July 12, 1994

CATEGORY

DEGREE OBJECTIVE

Degree	177	50.4%	223	61.4%	169	59.5%	569	57.0%
Certificate	10	2.8%	36	9.9%	21	7.4%	67	6.7%
No Degree	164	46.7%	104	28.7%	94	33.1%	362	36.3%
Unknown	2	0.6%	4	1.1%	5	1.7%	11	1.1%

DEGREE EARNED

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Yes	124	35.1%	86	23.4%	59	20.4%	269	26.7%
No	229	64.9%	281	76.6%	230	79.6%	740	73.3%

PREVIOUS COLLEGE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Transfer from 4 Year School	95	26.9%	89	24.3%	82	28.4%	266	26.4%
Transfer from 2 Year School	35	9.9%	52	14.2%	35	12.1%	122	12.1%

WILLIAM RAINEY HARPER COLLEGE TRANSFER STUDY

1987 Cohort -follow up in 1993-94

(TRMAIN87.XLS) July 11, 1994

CATEGORY

TOTAL

(TRMAIN07.XLS) July 11, 1994		SURVEY INDICATED							
CATEGORY		TRANSFER		NO TRANSFER		TRAN UNK		TOTAL COHORT	
TOTAL		Total	Pct	Total	Pct	Total	Pct	Total	Pct
		349		248		466		1063	
GENDER		Total	Pct	Total	Pct	Total	Pct	Total	Pct
Male		180	51.6%	103	41.5%	207	44.4%	490	46.1%
Female		169	48.4%	145	58.5%	259	55.6%	573	53.9%
Unknown		0	0.0%	0	0.0%	0	0.0%	0	0.0%
AGE		Total	Pct	Total	Pct	Total	Pct	Total	Pct
18-20		285	84.3%	156	63.9%	337	74.1%	778	75.0%
21-25		18	5.3%	19	7.8%	43	9.5%	80	7.7%
26-45		33	9.8%	57	23.4%	68	14.9%	158	15.2%
Over 45		2	0.6%	12	4.9%	7	1.5%	21	2.0%
Unknown		0	0.0%	0	0.0%	0	0.0%	0	0.0%
Average		20.1		24.1		21.4		21.6	
INTENT		Total	Pct	Total	Pct	Total	Pct	Total	Pct
Future Job		51	14.7%	77	31.4%	96	21.5%	224	21.6%
Improve Job Skills		6	1.7%	22	9.0%	22	4.9%	50	4.8%
Explore Courses		44	12.7%	42	17.1%	76	17.0%	162	15.6%
Prepare for Transfer		225	64.8%	81	33.1%	214	48.0%	520	50.1%
Review Basic Skills		1	0.3%	1	0.4%	2	0.4%	4	0.4%
Personal Interest		11	3.2%	16	6.5%	25	5.6%	52	5.0%
Other Intent		9	2.6%	6	2.4%	11	2.5%	26	2.5%
Unknown		2	0.6%	3	1.2%	20	4.3%	25	2.4%
HIGH SCHOOL RANK		Total	Pct	Total	Pct	Total	Pct	Total	Pct
1st Quarter		74	26.9%	44	24.6%	73	21.7%	191	24.2%
2nd Quarter		99	36.0%	54	30.2%	134	39.9%	287	36.3%
3rd Quarter		80	29.1%	70	39.1%	105	31.3%	255	32.3%
4th Quarter		22	8.0%	11	6.1%	24	7.1%	57	7.2%
Unknown		0	0.0%	0	0.0%	0	0.0%	0	0.0%
SEMESTER		Total	Pct	Total	Pct	Total	Pct	Total	Pct
First Semester Only		3	0.9%	1	0.4%	9	1.9%	13	1.2%
Registered Following Spring		17	4.9%	1	0.4%	45	9.7%	63	5.9%
Registered Following Year		67	19.2%	28	11.3%	101	21.7%	196	18.4%
Registered 3 Years		57	16.3%	33	13.3%	105	22.5%	195	18.3%
Registered 4 Years		63	18.1%	30	12.1%	78	16.7%	171	16.1%
Registered 5 Years		54	15.5%	33	13.3%	47	10.1%	134	12.6%
Registered 6 Years		44	12.6%	48	19.4%	57	12.2%	149	14.0%
Registered 7 Years		44	12.6%	74	29.8%	24	5.2%	142	13.4%
Registered 8 Years		0	0.0%	0	0.0%	0	0.0%	0	0.0%
Registered More than 8 Years		0	0.0%	0	0.0%	0	0.0%	0	0.0%

WILLIAM RAINEY HARPER COLLEGE TRANSFER STUDY
1987 Cohort -follow up in 1993-94

(TRMAIN87.XLS) July 11, 1994

CATEGORY

TYPE OF MAJOR

Transfer Majors	273	78.2%	137	55.2%	325	72.5%	735	70.3%
Career Majors	76	21.8%	109	44.0%	123	27.5%	308	29.5%
Adult Education	0	0.0%	2	0.8%	0	0.0%	2	0.2%

ACT SCORES

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
11 & Under	4	5.6%	12	24.0%	12	12.1%	28	12.7%
12-14	14	19.4%	15	30.0%	18	18.2%	47	21.3%
15-17	20	27.8%	14	28.0%	28	28.3%	62	28.1%
18-20	9	12.5%	5	10.0%	21	21.2%	35	15.8%
21-23	10	13.9%	1	2.0%	14	14.1%	25	11.3%
24 & Over	15	20.8%	3	6.0%	6	6.1%	24	10.9%

Average

18.3 14.6 16.8 16.8

CUMULATIVE GPA

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
3.50 & above	45	12.9%	56	22.8%	56	12.6%	157	15.1%
3.00 - 3.49	93	26.6%	36	14.6%	68	15.3%	197	18.9%
2.50 - 2.99	88	25.2%	39	15.9%	104	23.4%	231	22.2%
2.00 - 2.49	102	29.2%	56	22.8%	121	27.2%	279	26.8%
1.50 - 1.99	12	3.4%	38	15.4%	58	13.0%	108	10.4%
Under 1.50	9	2.6%	21	8.5%	38	8.5%	68	6.5%
Average	2.77		2.61		2.54		2.63	

ATHLETIC CODE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Yes	10	2.9%	7	2.8%	22	4.7%	39	3.7%

DISABILITY CODE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Yes	28	8.0%	23	9.3%	33	7.1%	84	7.9%

ETHNIC GROUP

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Asian, Pacific Is.	9	2.6%	11	4.5%	28	6.1%	48	4.6%
American Indian	0	0.0%	0	0.0%	3	0.7%	3	0.3%
Black American	0	0.0%	5	2.1%	12	2.6%	17	1.6%
Hispanic American	4	1.2%	9	3.7%	15	3.3%	28	2.7%
Other Minority	1	0.3%	0	0.0%	0	0.0%	1	0.1%
White American	327	95.3%	218	89.7%	398	87.1%	943	90.4%
Foreign Student	2	0.6%	0	0.0%	1	0.2%	3	0.3%
Refused or Unknown	6	1.7%	5	2.0%	9	1.9%	20	1.9%

RESIDENCE CODE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
1	285	81.7%	202	81.5%	357	76.6%	844	79.4%
2	59	16.9%	46	18.5%	82	17.6%	187	17.6%
3	5	1.4%	0	0.0%	27	5.8%	32	3.0%
4	0	0.0%	0	0.0%	0	0.0%	0	0.0%

WILLIAM RAINEY HARPER COLLEGE TRANSFER STUDY

1987 Cohort -follow up in 1993-94

(TRMAIN87.XLS) July 11, 1994

CATEGORY

DEGREE OBJECTIVE

Degree	196	56.3%	163	66.3%	272	61.1%	631	60.7%
Certificate	14	4.0%	12	4.9%	26	5.8%	52	5.0%
No Degree	138	39.7%	71	28.9%	147	33.0%	356	34.3%
Unknown	1	0.3%	2	0.8%	21	4.5%	24	2.3%

DEGREE EARNED

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Yes	169	48.4%	76	30.6%	126	27.0%	371	34.9%
No	180	51.6%	172	69.4%	340	73.0%	692	65.1%

PREVIOUS COLLEGE

	Total	Pct	Total	Pct	Total	Pct	Total	Pct
Transfer from 4 Year School	63	18.1%	45	18.1%	67	14.4%	175	16.5%
Transfer from 2 Year School	22	6.3%	35	14.1%	51	10.9%	108	10.2%

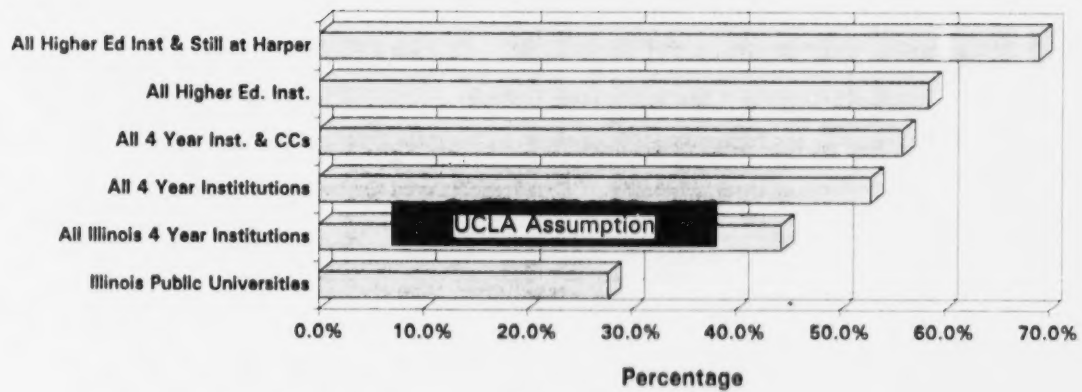
**Comparison of Transfer Rates
By Different Demographics & Academic Performance Factors
By Cohort Group**

Transfer Rates In Percents by Cohort Groups

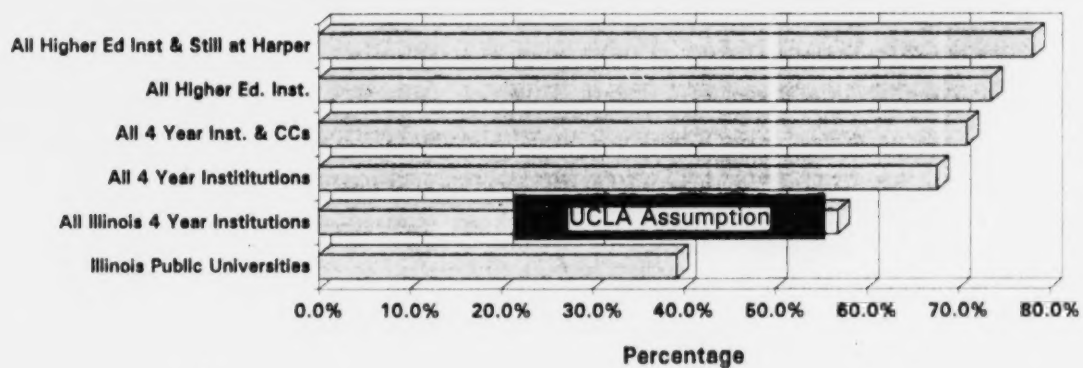
CATEGORIES	1989	1987
Males	53%	64%
Females	46%	54%
Start at Harper at age 18-20	59%	65%
Start at Harper at age older than 20	26%	38%
Intent at Harper to transfer	61%	74%
Other intent	31%	43%
Baccalaureate majors	59%	67%
Career majors	24%	41%
Upper half of high school graduating class	52%	64%
Third quarter of high school graduating class	49%	53%
Fourth quarter of high school graduating class	47%	67%
ACT composite 18 and up	63%	79%
ACT composite 15-17	59%	59%
ACT composite 12-14	48%	48%
ACT composite 11 and lower	33%	25%
ACT composite unknown	44%	58%
Harper GPA 2.00 and above	53%	64%
Harper GPA below 2.00	26%	26%
Achieved degree at Harper College	59%	69%
Did not achieve degree at Harper College	45%	51%
Athletes	70%	59%
Non-athletes	49%	58%
Those with a disability	46%	55%
Those with no reported disability	50%	59%
Whites	50%	60%
Minorities	43%	39%
In-district students	48%	59%
Out-of-district students	53%	58%
Students new to Harper College	50%	61%
Students who transferred to Harper from 4-Year colleges	52%	58%
Students who transferred to Harper from other community colleges	40%	39%

trcross.xls

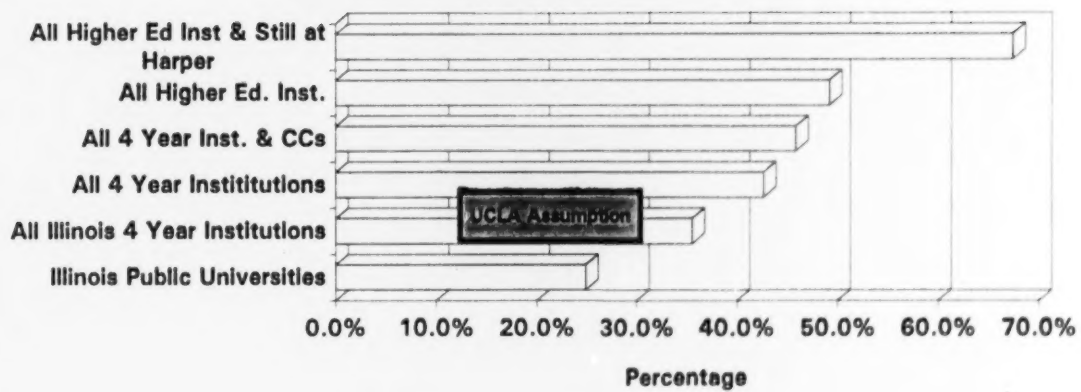
1987 Transfer Rate--F/U in 1994



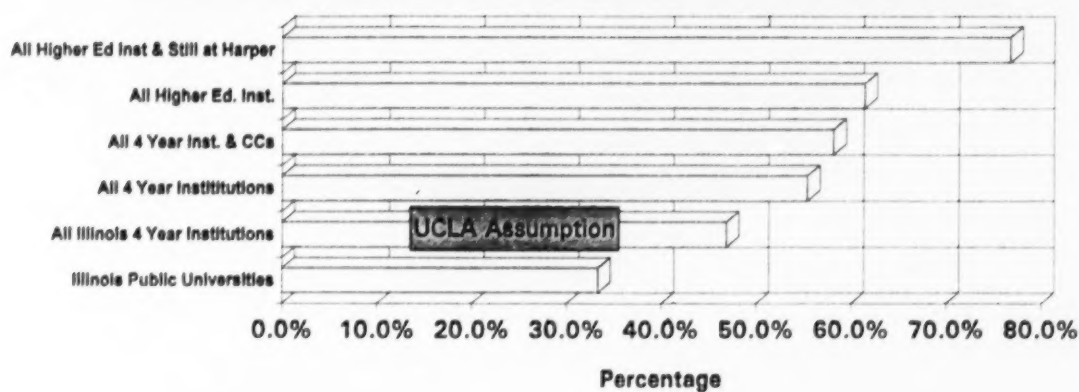
1987 Transfer Rates for Students Who Intended to Transfer--F/U In 1994



1989 TRANSFER RATE --F/U In 1993



**1989 Transfer Rates for Students Who Intended to Transfer--F/U
in 1993**



Operational Staff:

Janice A. Cook, Administrative Secretary

Karla Hill, Research Clerk

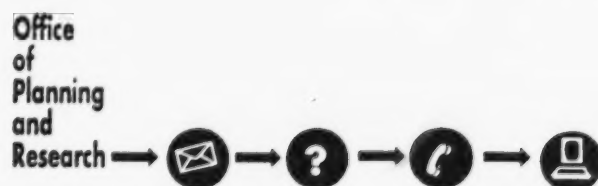
Donna Woodruff, Clerk

Susannah Swift, Clerk



William Rainey Harper College
1200 West Algonquin Road
Palatine, Illinois 60067-7398

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